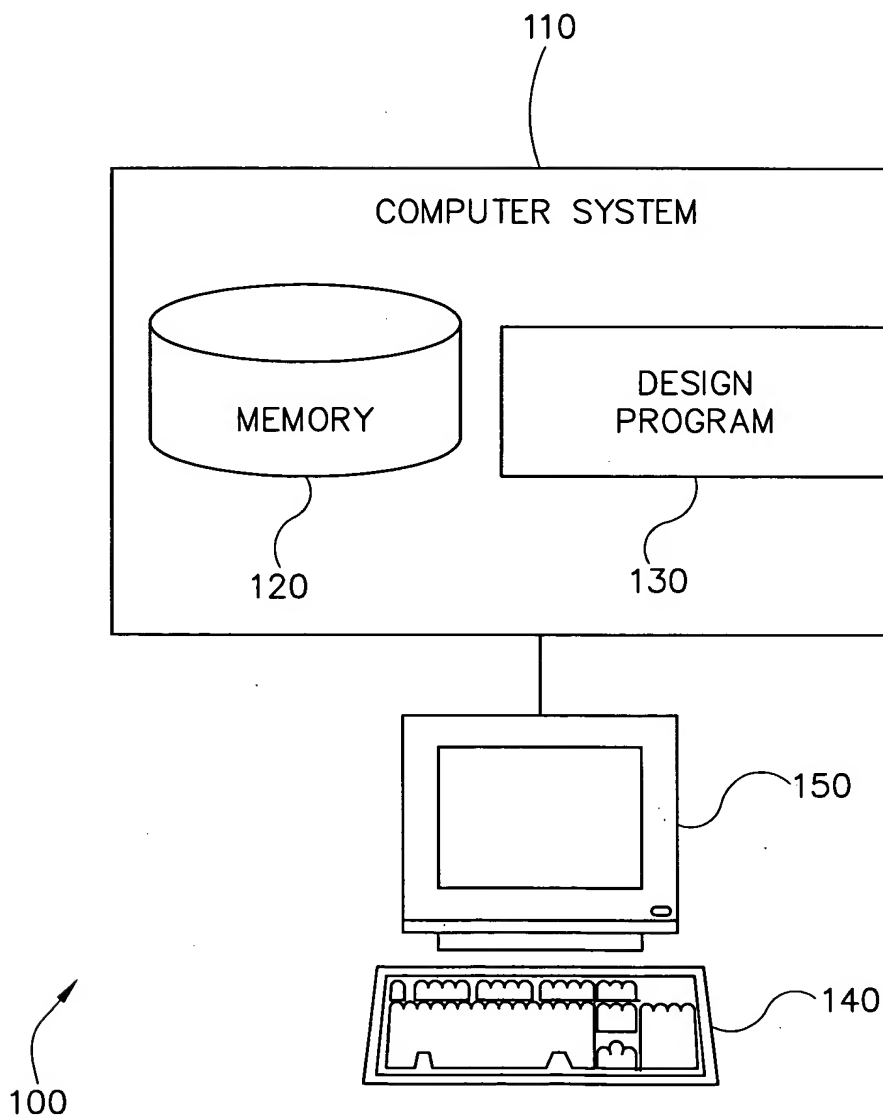




REPLACEMENT SHEET

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FIG. 1



REPLACEMENT SHEET

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FIG. 2

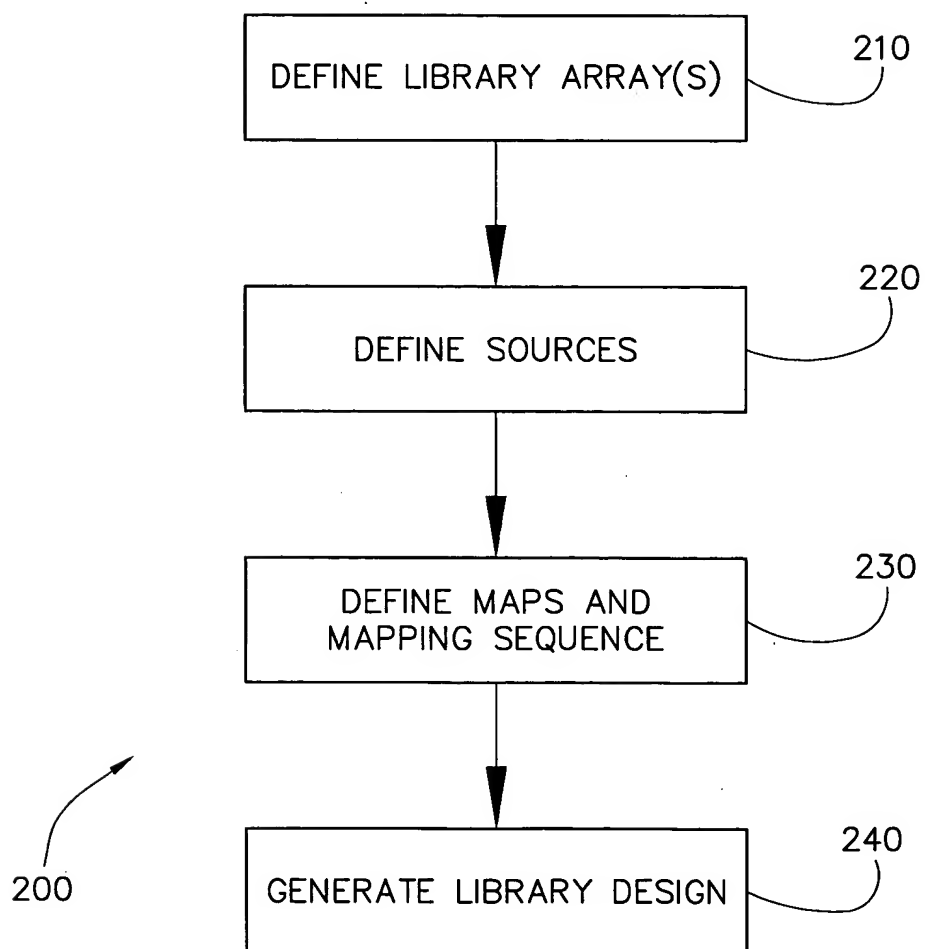
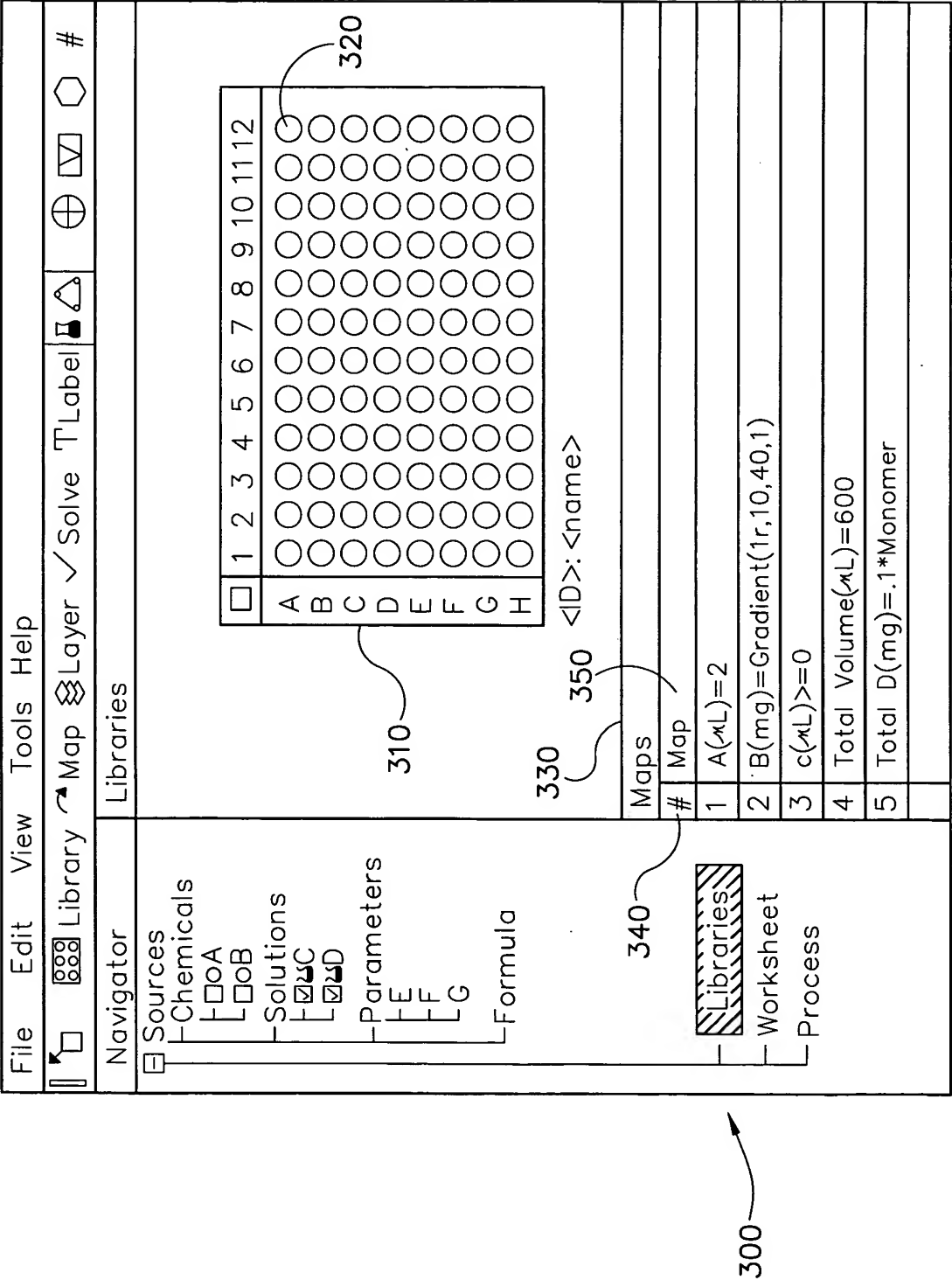


FIG. 3



REPLACEMENT SHEET

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Define Map

Map ▼ 410

Source: ▼ 420

Unit: ▼ 430

Amount: 440

OK Cancel

400

FIG. 4A

Define Map

Map ▼

Source: ▼

Unit: ▼ 450

Enter or copy/paste values:

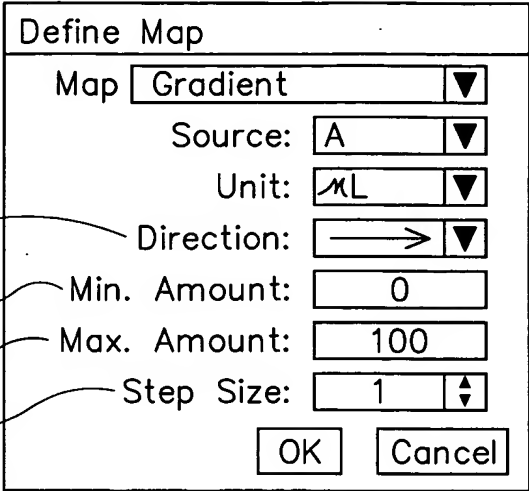
	1	2	3	4	5	6	7	8	9	10
A										
B										
C										
D										
E										
F										
G										

OK Cancel

FIG. 4B

REPLACEMENT SHEET

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Define Map

Map: Gradient ▼

Source: A ▼

Unit: μ L ▼

460 Direction: → ▼

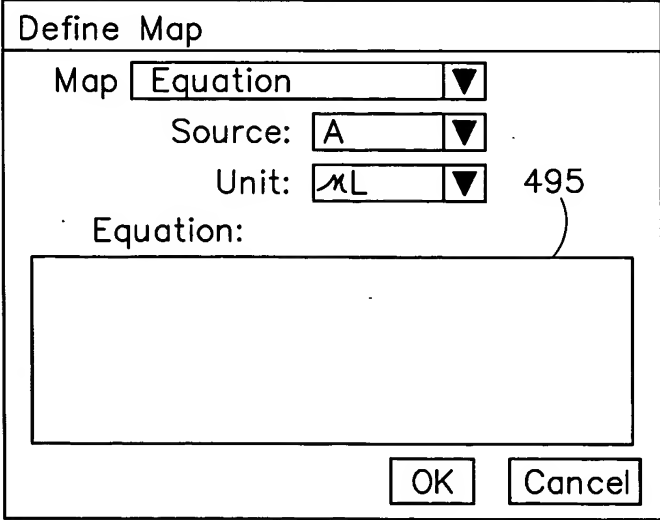
470 Min. Amount: 0

480 Max. Amount: 100

490 Step Size: 1 ▲▼

OK Cancel

FIG. 4C



Define Map

Map: Equation ▼

Source: A ▼

Unit: μ L ▼ 495

Equation:

OK Cancel

FIG. 4D

REPLACEMENT SHEET

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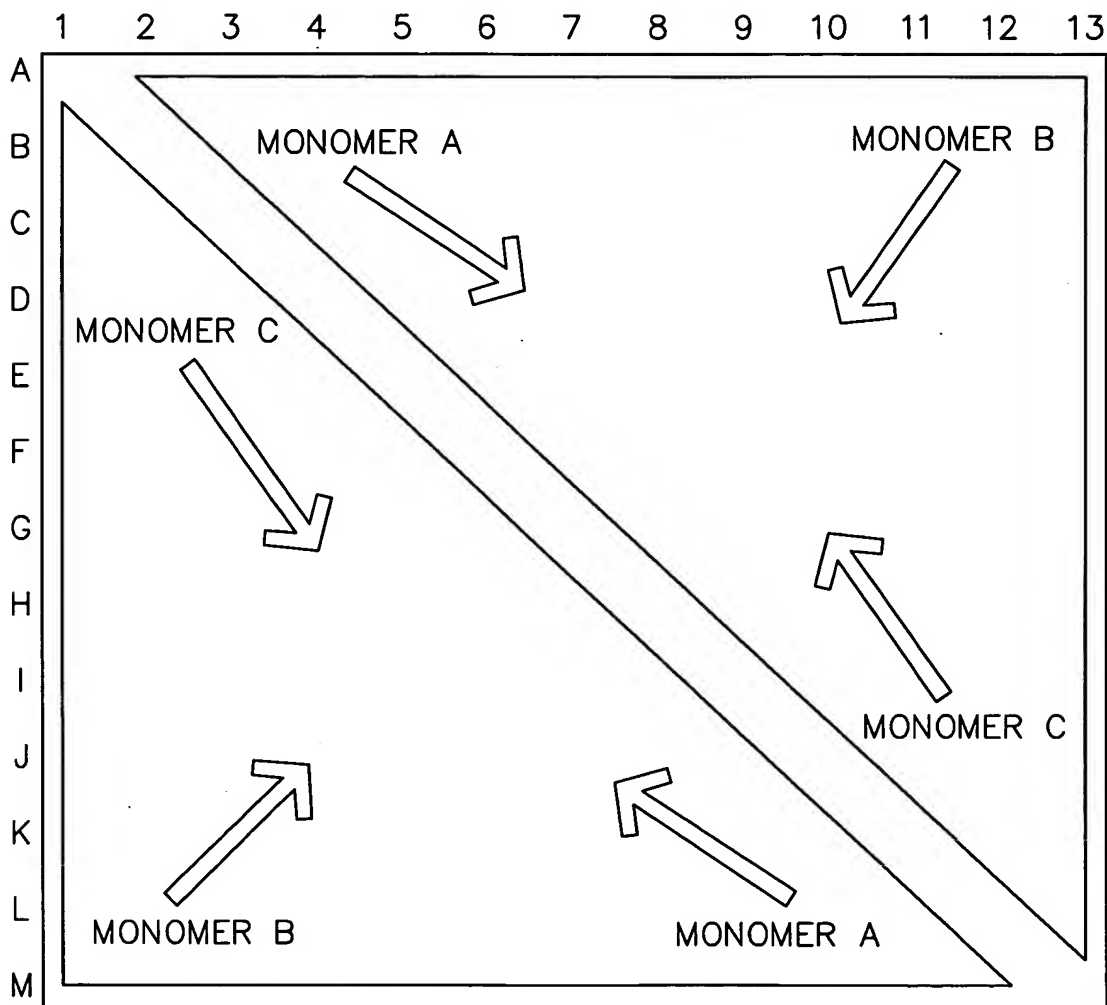


FIG. 5

600

620

Add...
Test3 Agents
...● Solvent_1
...● t-Butyl-OOH
...○ MonomerA
...● MonomerB
...○ MonomerC

Organize...
▼

	Color	Name	MW	Density	Structure	Type	Equivalence	Unit
1	●	t-Butyl-OOH	90.120	0.9500		Initiator	1.000	ml/mol
2	●	Solvent_1	74.080	0.9930		Solvent	1.000	ml/ml
3	○	MonomerA	0.000	0.9440		Monomer	1.000	mol/ml
4	●	MonomerB	0.000	0.9230		Monomer	1.000	mol/ml
5	○	MonomerC	0.000	0.9190		Monomer	1.000	mol/ml
6		Enter name here						

Chemical Inventory

Chemicals

Solutions

Parameters

Recipe

Worksheet

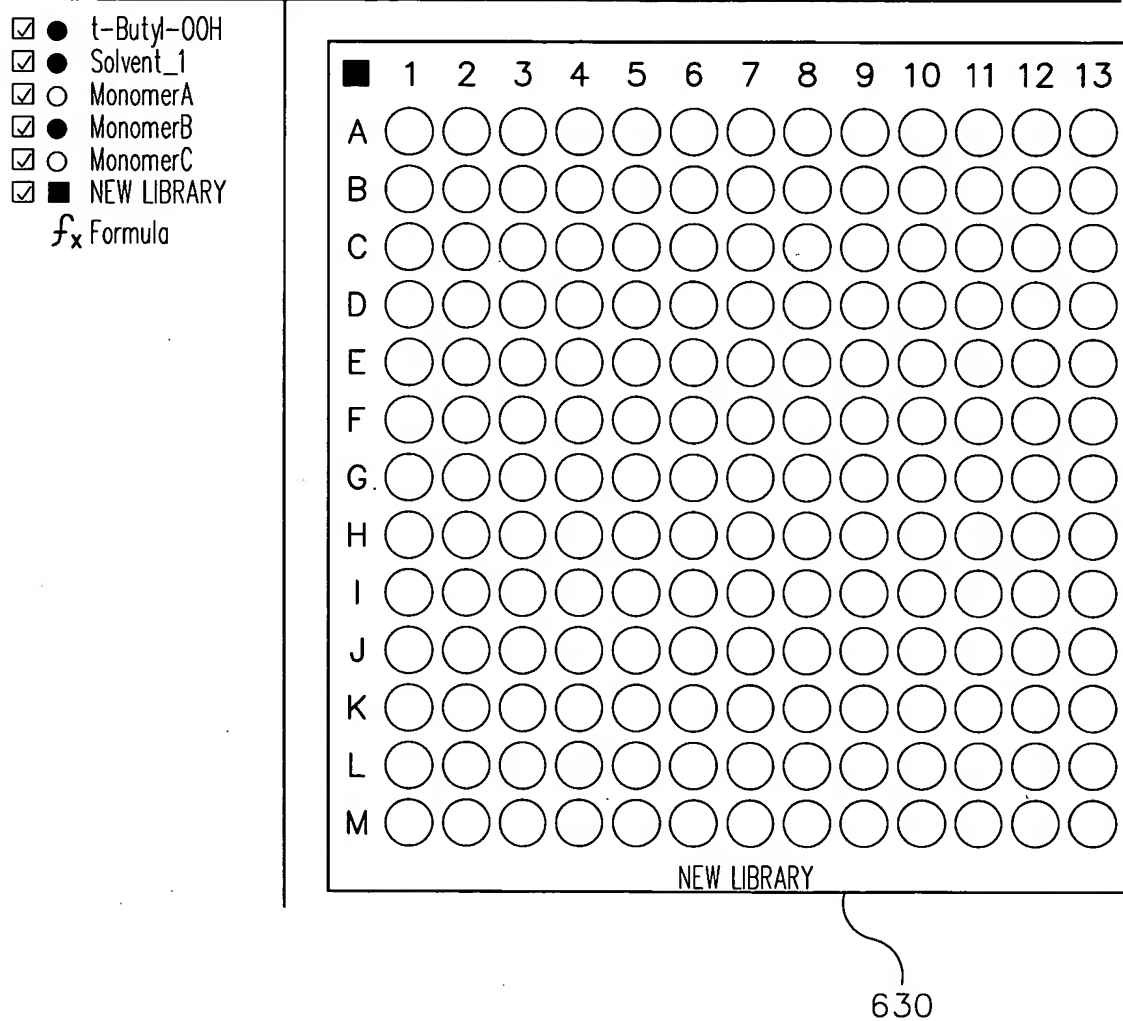
610

FIG. 6A

REPLACEMENT SHEET

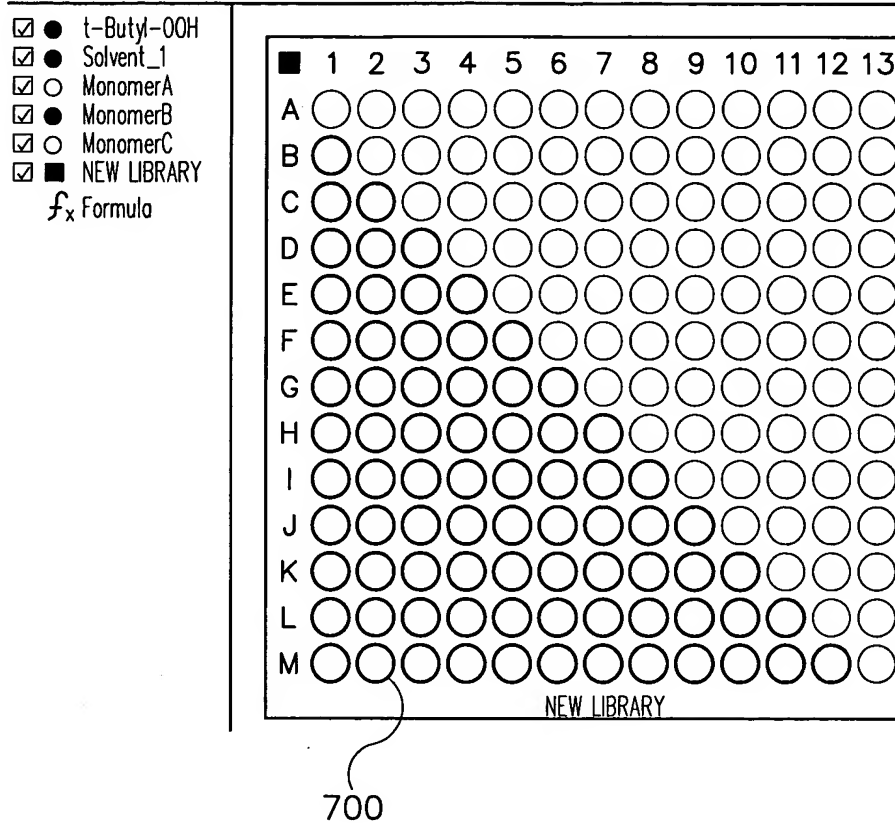
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FIG. 6B



REPLACEMENT SHEET

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Map Gradient ▼

Properties	Values
Source	MonomerA
Dispense Unit	ul
Direction	→
Min Amount	0
Max Amount	100
Step	1
Shape	0

710

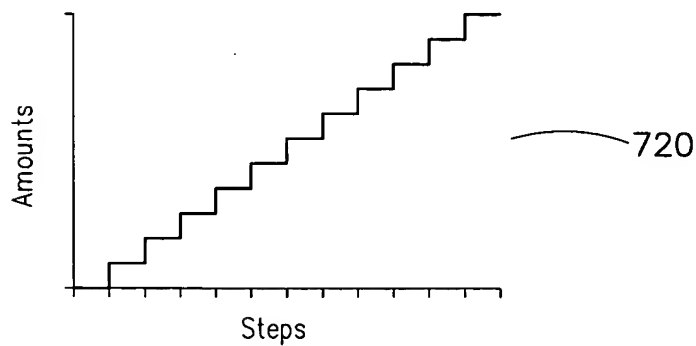
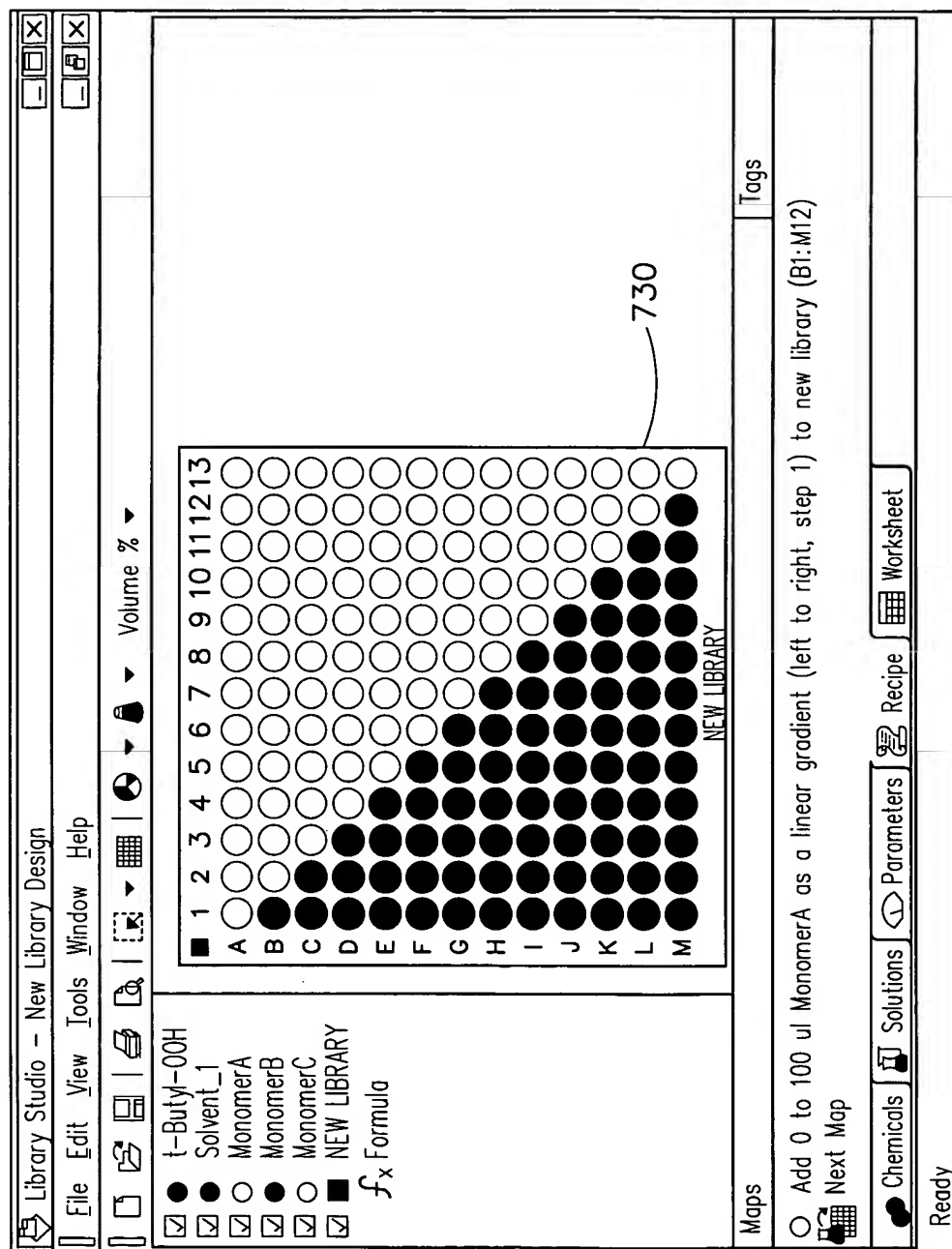


FIG. 7B

REPLACEMENT SHEET

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FIG. 7C



740

REPLACEMENT SHEET

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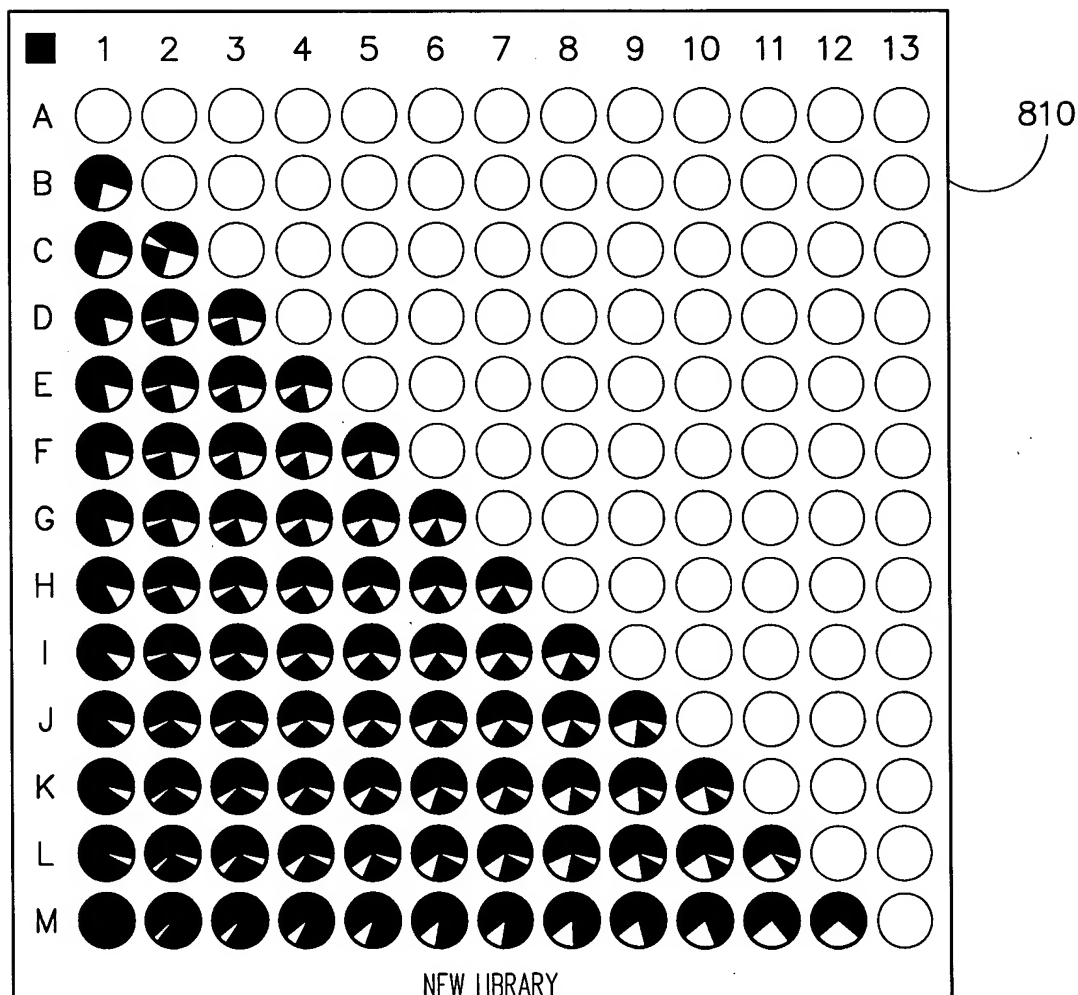
FIG. 8A

Map ▼

Properties	Values
Source	t-Butyl-00H
Dispense Unit	ul ▼

800

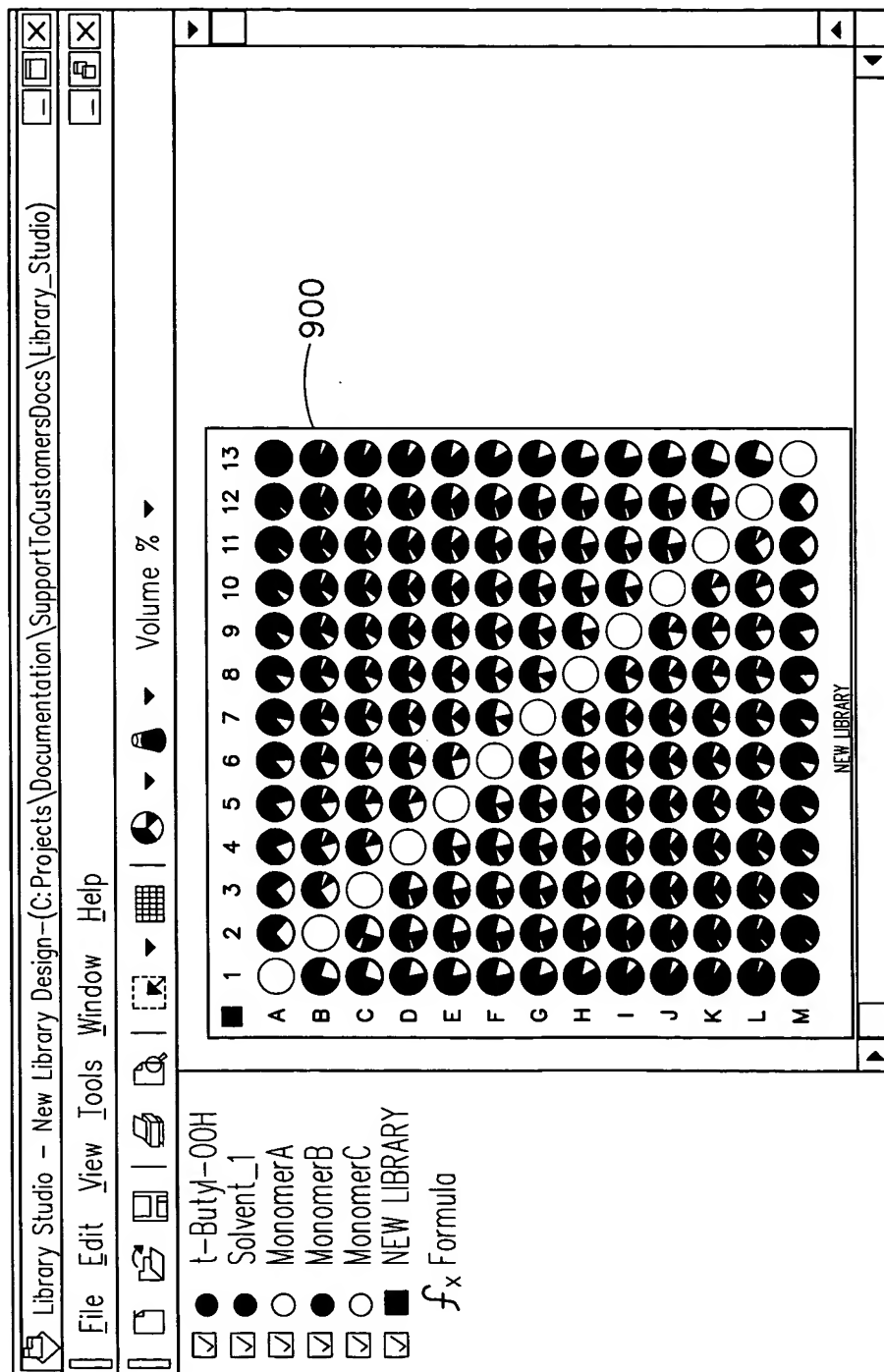
FIG. 8B



REPLACEMENT SHEET

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FIG. 9A



REPLACEMENT SHEET

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FIG. 6B

Maps	Tags
<div style="display: flex; justify-content: space-between; align-items: flex-start; padding: 10px;"> <div style="width: 65%;"> <p>○ Add 0 to 100 ul MonomerA as a linear gradient (left to right, step 1) to New Library (B1:M12)</p> <p>● Add 0 to 100 ul MonomerB as a linear gradient (right to left, step 1) to New Library (B1:M12)</p> <p>○ Add 0 to 100 ul MonomerC as a linear gradient (bottom to top, step 1) to New Library (B1:M12)</p> <p>Σ Equation Group</p> <ul style="list-style-type: none"> ● Add ? ul t-Buytl-00H to New Library (B1:M12) ● Add ? ul Solvent_1 to New Library (B1:M12) f_x^x "t-Buytl-00H"=10; ul; Library (B1:M12) f_x^x TotalVolume=200; ul; Library (B1:M12) <p>○ Add 0 to 100 ul MonomerA as a linear gradient (left to right, step 1) to New Library (A2:L13)</p> <p>● Add 0 to 100 ul MonomerB as a linear gradient (right to left, step 1) to New Library (A2:L13)</p> <p>○ Add 0 to 100 ul MonomerC as a linear gradient (bottom to top, step 1) to New Library (A2:L13)</p> <p>Σ Equation Group</p> <ul style="list-style-type: none"> ● Add ? ul t-Buytl-00H to New Library (A2:L13) ● Add ? ul Solvent_1 to New Library (A2:L13) f_x^x "t-Buytl-00H"=10; ul; Library (A2:L13) f_x^x TotalVolume=200; ul; Library (A2:L13) </div> <div style="width: 30%; text-align: right; padding-right: 10px;"> <p> Next Map</p> </div> </div>	
<div style="display: flex; justify-content: space-around; align-items: center;"> <div> Chemicals </div> <div> Solutions </div> <div> Parameters </div> <div> Recipe </div> <div> Worksheet </div> </div>	

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